

FIGURE 1

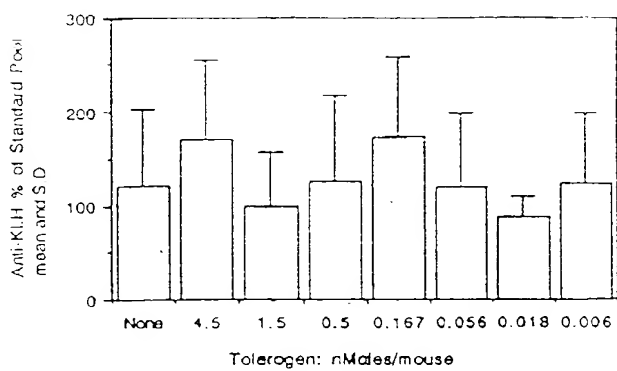


FIGURE 2

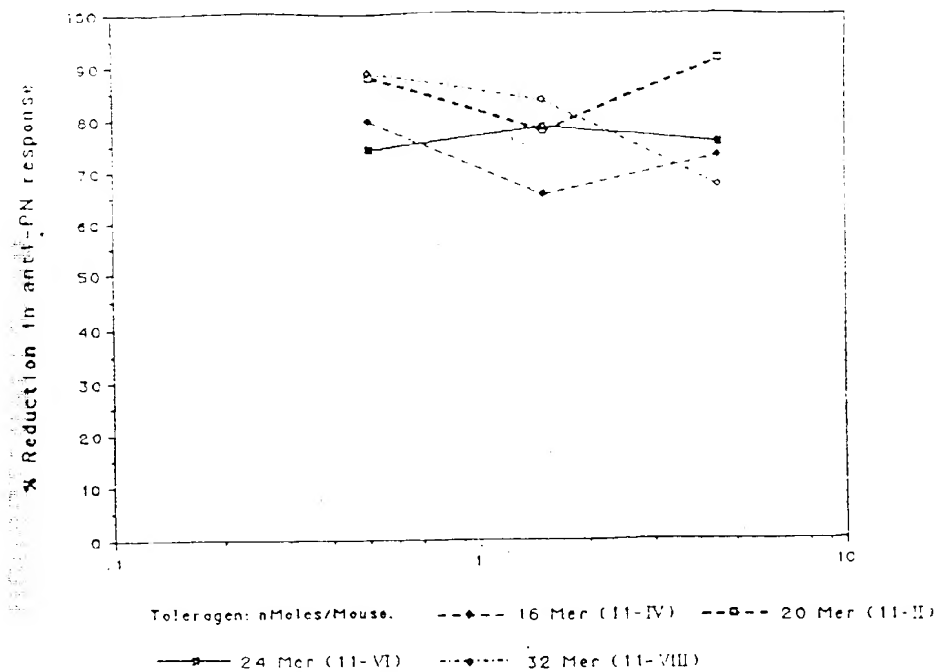


FIGURE 3

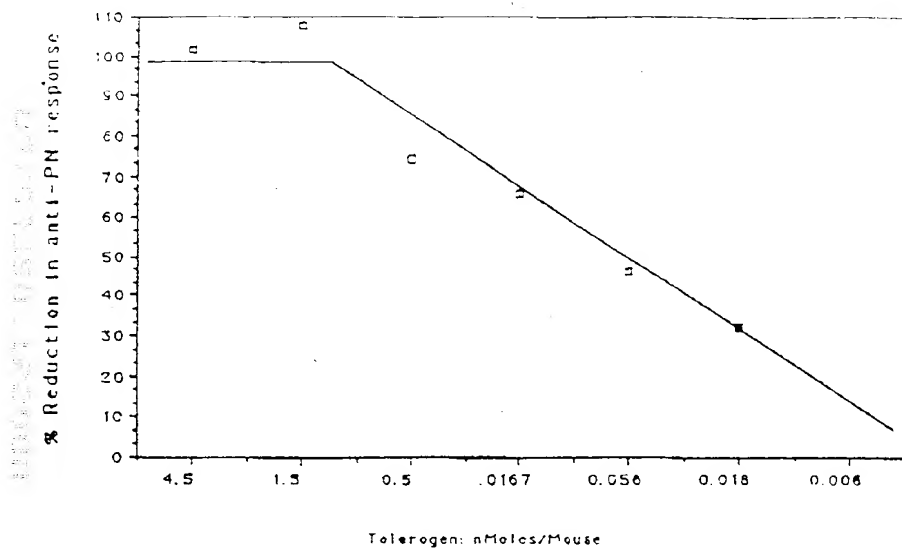
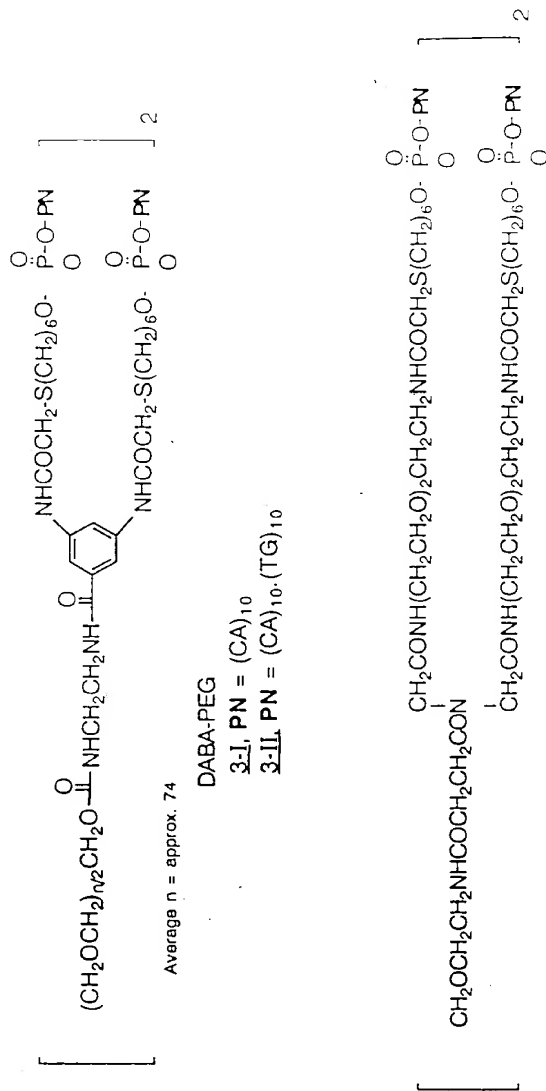


FIGURE 5



BAHA_{ox}-EDDA

- 11-I, PN = (CA)₁₀
 11-II, PN = (CA)₁₀·(TG)₁₀
 11-IV, PN = (CA)₈·(TG)₈
 11-VI, PN = (CA)₁₂·(TG)₁₂
 11-VIII, PN = (CA)₁₆·(TG)₁₆

FIGURE 6A

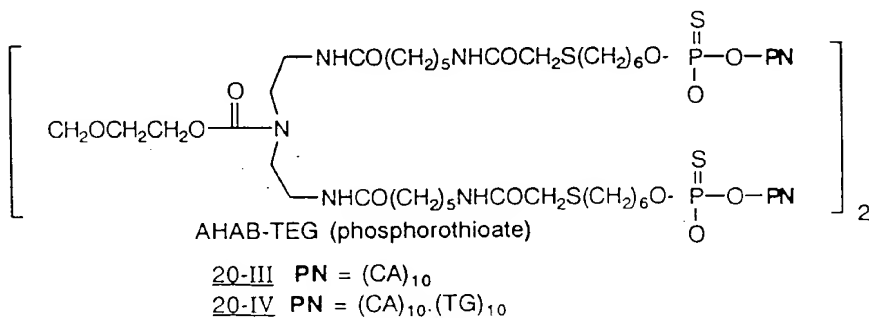
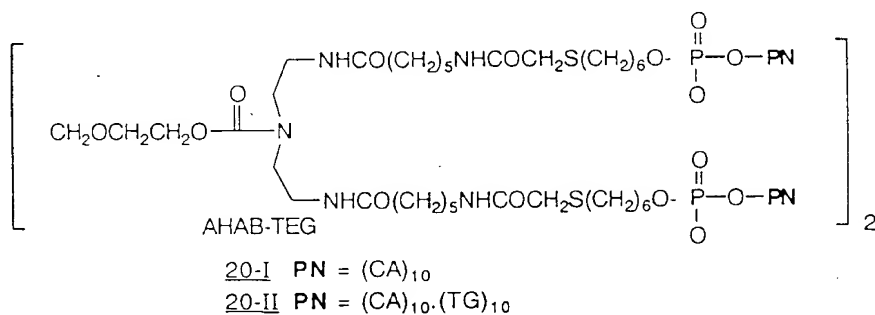
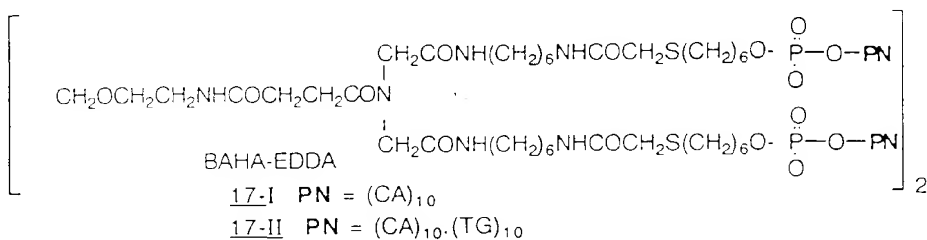


FIGURE 6B

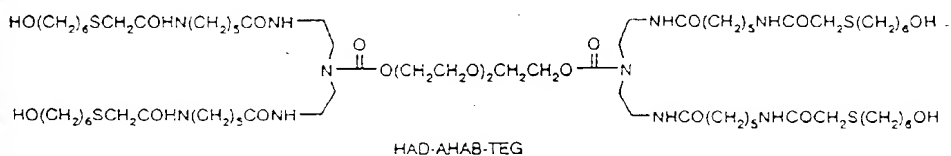


FIGURE 7

T Cell Proliferation Induced by Mellitin Peptides

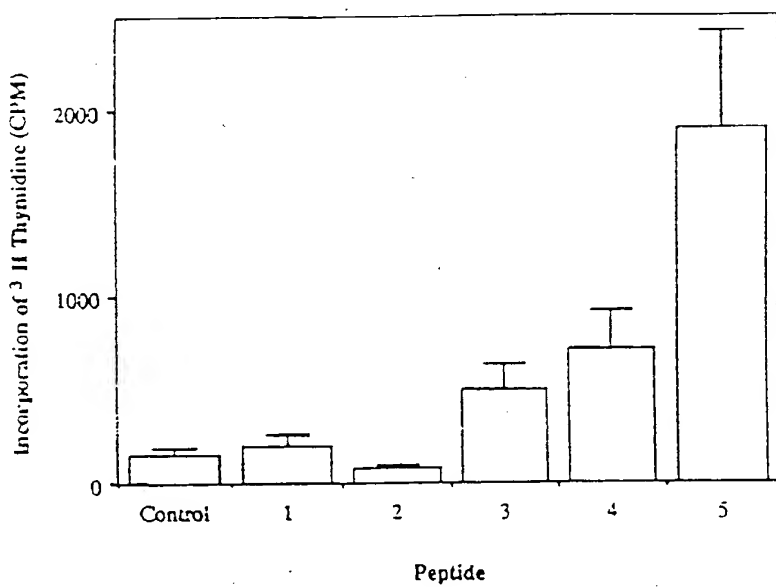


FIGURE 8

O.D. 450 nm

IgG serum circulating Ab to melittin peptide 2

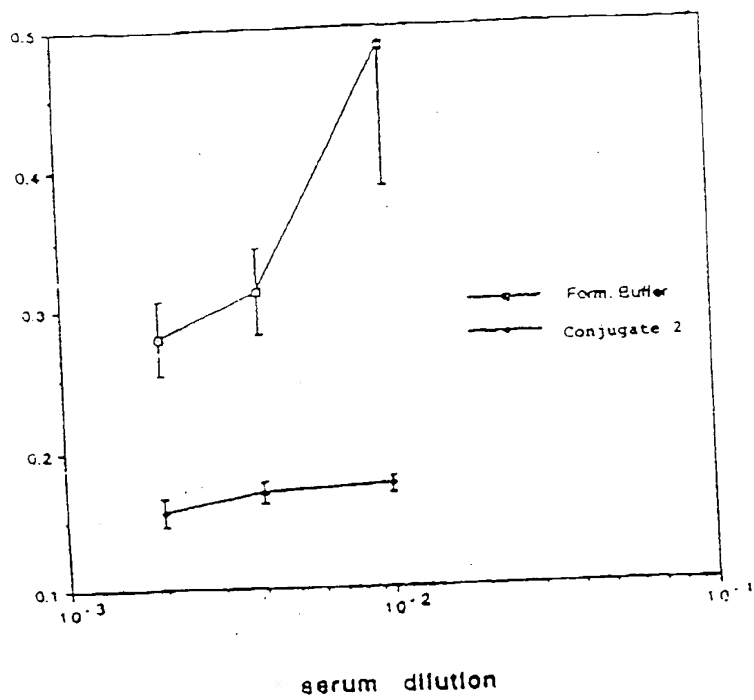


FIGURE 9

IgG serum circulating levels to Melittin

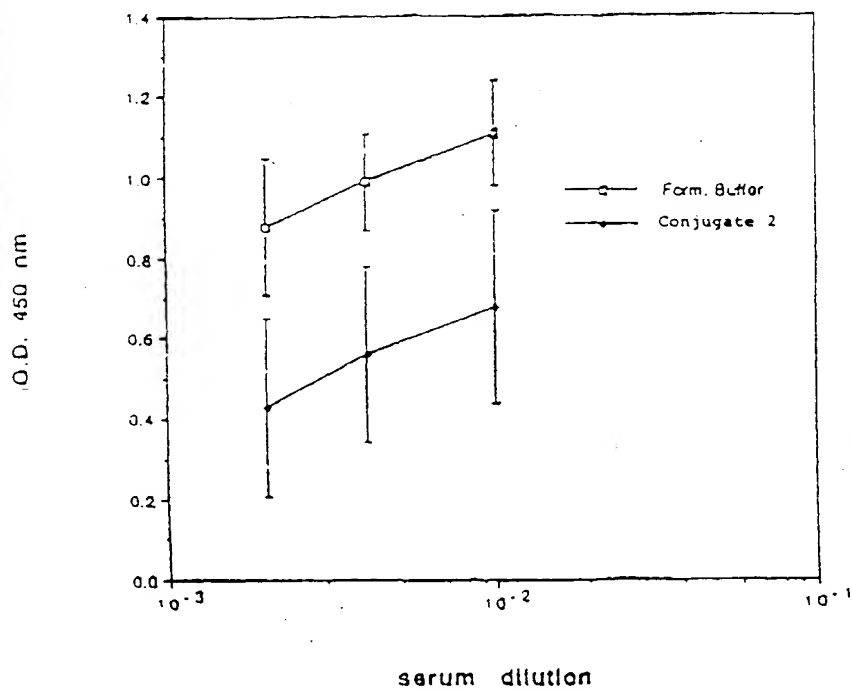


FIGURE 10

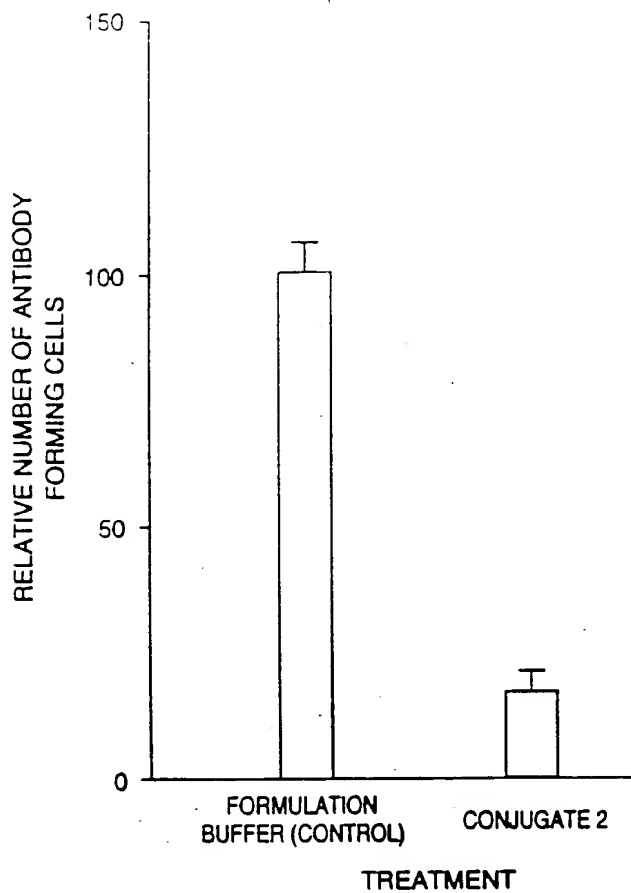


FIGURE 11

O.D. 450 nm

IgG serum circulating Ab to Peptide 5

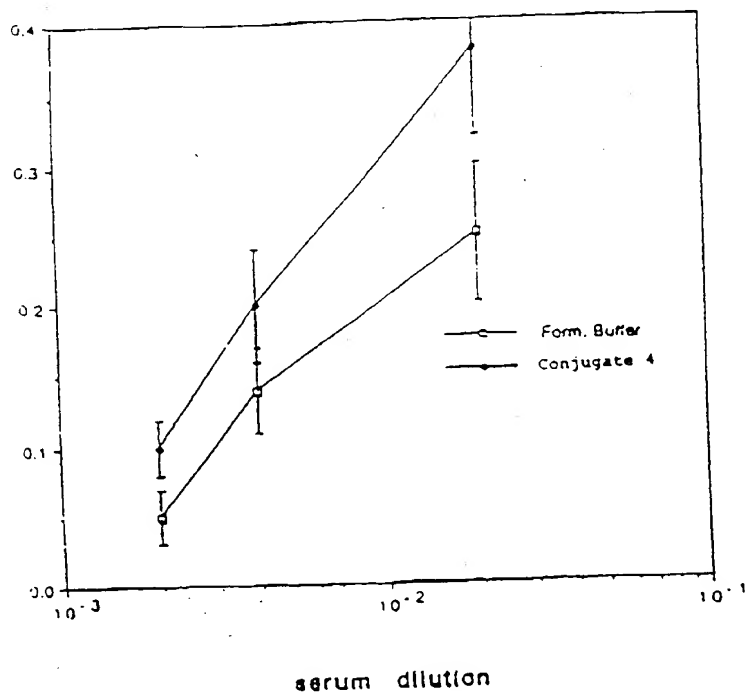
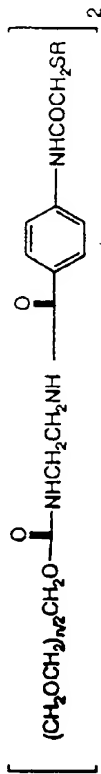


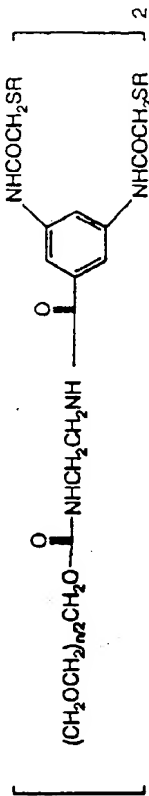
FIGURE 12

Melittin Peptide Conjugates



Melittin Conjugate # 1, R = H₂N-Trp-Ile-Lys-Arg-Lys-Gln-Gln-Lys-Cys-Gly-CO₂H

Average n = approx. 74

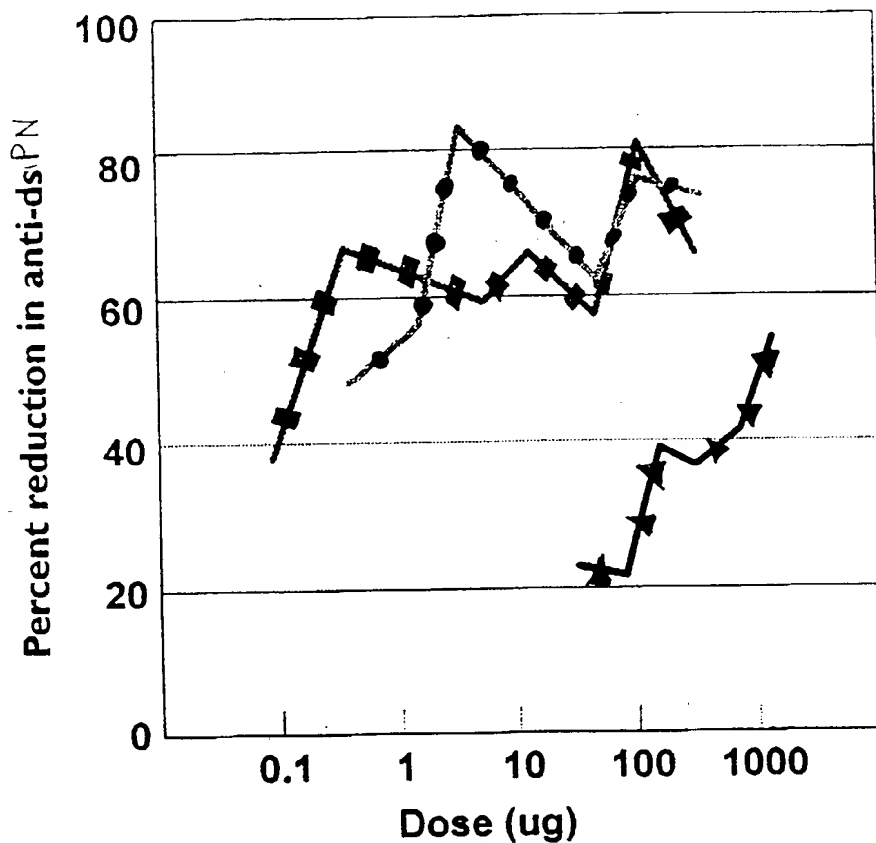


Melittin Conjugate # 2, R = H₂N-Cys-Trp-Ile-Lys-Arg-Lys-Gln-Gln-Gly-CO₂H
 Melittin Conjugate # 3, R = H₂N-Trp-Ile-Lys-Arg-Lys-Gln-Gln-Lys-Cys-Gly-CO₂H
 Melittin Conjugate # 4, R = H₂N-Cys-Ile-Ser-Trp-Ile-Lys-Arg-Lys-Gln-Gln-Gly-CO₂H
 Melittin Conjugate # 5, R = (H₂N-Trp-Ile-Lys-Arg-Lys-Gln-Gln)₂-Lys-Cys-Gly-CO₂H

Melittin peptides attached through sulfur atom on added cysteine, average n = approx. 74

FIGURE 13

Inhibition of Anti-ds^{PN} by LJP- 249 and LJP- 105



● LJP- 249 A + LJP- 249 B ▲ LJP- 105

FIGURE 14

Treatment of Male BXSB Mice with LJP394

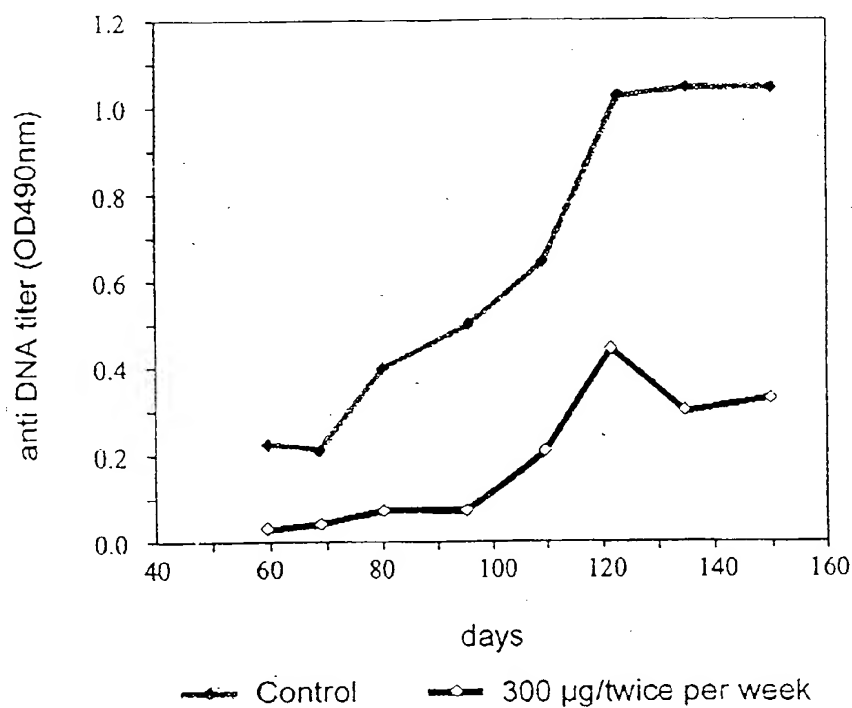


FIGURE 15